

Converting Colors

XYZ(26.2320, 17.8144, 26.7484)

Have a look what the booklet for
XYZ(26.2320, 17.8144, 26.7484)
contains.

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Color

**XYZ(26.3422, 17.8554,
26.8690)**

Conversions

Conversions Part 1

Format	Color
Hex	B2558C
RGB	178, 85, 140
RGB Percent	70%, 33%, 55%
CMY	0.3020, 0.6666, 0.4510
CMYK	0.00, 0.52, 0.21, 0.30
HSL	325°, 38%, 52%
HSV	325°, 52%, 70%
XYZ	26.3422, 17.8554, 26.8690
YIQ	119.0770, 37.7730, 36.8210

Conversions

Conversions Part 2

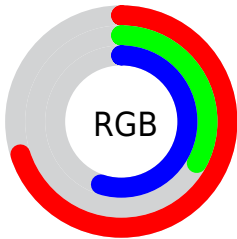
Format	Color
R_{YB}	178, 85, 140
Decimal	11687308
CIE _{Lab}	49.32, 44.44, -12.83
CIE _{LCh}	49, 46.254, 343.901
Yxy	17.8554, 0.3707, 0.2512
Android (android.graphics.Color)	4289877388 (0xFFB2558C)
YUV	119.0770, 10.3150, 51.6755
Hunter-Lab	42.2557, 37.3296, -8.1216

Details

The XYZ color **26.3422, 17.8554, 26.8690** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.2427, 35.2026, 24.3102**, and the grayscale version is **17.5195, 18.4319, 20.0723**.

A 20% lighter version of the original color is **53.4182, 39.9049, 55.9259**, and **10.5304, 5.9822, 10.2725** is the 20% darker color. If you saturate the color by 10%, you get **24.5943, 15.1897, 23.7272**, and if you desaturate by 10%, it is **28.4791, 21.2420, 30.3157**.

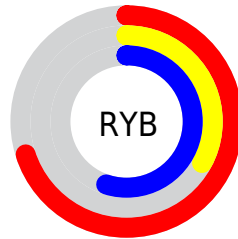
Distribution



Red (70%)

Green (33%)

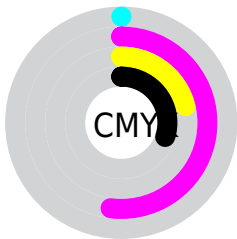
Blue (55%)



Red (70%)

Yellow (33%)

Blue (55%)

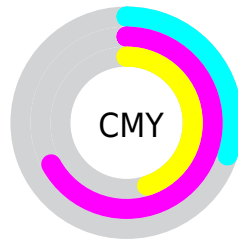


Cyan (0%)

Magenta (52%)

Yellow (21%)

Black (30%)



Cyan (30%)


Magenta (67%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3422, 17.8554, 26.8690 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.3422, 17.8554, 26.8690 by changing the saturation by 10% instead.

 26.3422, 17.8554,
26.8690


 26.3422, 17.8554,
26.8690


276.6839,
240.0547, 300.7624


 17.2138, 10.8462,
17.2433


 53.2539, 39.7908,
55.6748

 10.4833, 5.9635,
10.2443


 71.7679, 55.4858,
75.6919


 5.7853, 2.8229,
5.4535

 94.1411, 74.8448,
100.0099

 2.7544, 1.0400,
2.4524

 120.7390, 98.2523,
129.0474

 1.0252, 0.0000,
0.8148

 151.9269,
126.0927, 163.2228

 0.0000, 0.0000,
0.0000

188.0701,

158.7503, 202.9548

229.5340,
196.6095, 248.6618

■ 26.3422, 17.8554,
26.8690

■ 26.3422, 17.8554,
26.8690

■ 24.5943, 15.1897,
23.7272

■ 28.4791, 21.2420,
30.3157

■ 23.2062, 13.1880,
20.8767

■ 31.0281, 25.3953,
34.0779

■ 22.1469, 11.7892,
18.3040

■ 34.0126, 30.3607,
38.1666

■ 21.3787, 10.9195,
15.9929

■ 37.4534, 36.1790,
42.5918

■ 20.9237, 10.4904,
14.3584

■ 41.3702, 42.8883,
47.3632

■ 45.7812, 50.5245,
52.4898

■ 50.7040, 59.1213,
57.9802

■ 56.1550, 68.7111,
63.8429

■ 62.1500, 79.3242,
70.0857

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



23.4566, 17.8554, 42.3127



26.3422, 17.8554, 26.8690



26.4537, 17.8554, 14.2358

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.3422, 17.8554, 26.8690



15.0398, 17.8554, 4.2273



11.6296, 17.8554, 41.2310

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.3422, 17.8554, 26.8690



23.2427, 35.2026, 24.3102

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



10.0779, 17.8554, 25.7829



26.3422, 17.8554, 26.8690



11.8068, 17.8554, 6.7855

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.3422, 17.8554, 26.8690



19.3976, 17.8554, 4.3138



10.1366, 17.8554, 13.5269



14.7558, 17.8554, 52.7321

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.3422, 17.8554, 26.8690



24.9028, 17.8554, 8.9077



10.1366, 17.8554, 13.5269



10.9324, 17.8554, 36.0964

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.3427, 17.8563, 26.8693



65.3012, 61.1629, 73.9268



19.3396, 13.8646, 43.7765



14.1869, 13.0763, 16.0175



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.3427, 17.8563, 26.8693



44.0880, 26.7878, 42.0345



23.6432, 16.7764, 12.6535



8.7001, 8.5868, 9.9193



15.0029, 7.5187, 10.4411



0.5001, 0.2478, 0.4764

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.3427, 17.8563, 26.8693



44.0880, 26.7878, 42.0345



26.8006, 36.6258, 43.0460



8.7001, 8.5868, 9.9193



15.0029, 7.5187, 10.4411



0.5001, 0.2478, 0.4764

Previews

White Background



This preview shows how the XYZ color 26.3422, 17.8554, 26.8690 looks on a white background.

Color Contrast Check

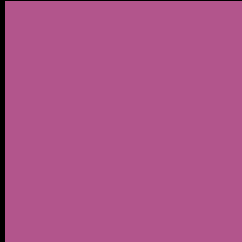
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.3422, 17.8554, 26.8690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

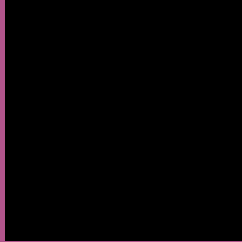
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3422, 17.8554, 26.8690

Background



This preview shows how black text looks on a background with the XYZ color 26.3422, 17.8554, 26.8690.



This preview shows how white text looks on a background with the XYZ color 26.3422, 17.8554,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.3422, 17.8554, 26.8690

Protanopia

18.4759, 18.0425, 36.6912

Deuteranopia

18.3891, 18.0757, 25.4414



Tritanopia

23.6702, 17.7475, 14.2346

Trichromacy



Original Color

26.3422, 17.8554, 26.8690

Protanomaly

20.2444, 17.2615, 32.8367

Deuteranomaly

20.6210, 17.4576, 25.9497

Tritanomaly

24.4299, 17.6641, 18.3416

Monochromacy



Original Color

26.3422, 17.8554, 26.8690

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.9037, 17.6231, 22.4312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3422, 17.8554, 26.8690 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(178, 85, 140)` looks like.

```
.text, #text, p{  
    color:rgb(178, 85, 140)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(178, 85, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 85, 140) }
```

Border

The CSS property to change the border of an element to XYZ 26.3422, 17.8554, 26.8690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 85, 140) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(178, 85, 140) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(178, 85, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 85, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 85, 140);  
box-shadow:4px 4px 4px 4px rgb(178, 85,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3422, 17.8554, 26.8690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 85, 140) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(178, 85,  
140) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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